

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
28 June 2018 (28.06.2018)



(10) International Publication Number
WO 2018/115575 A1

(51) International Patent Classification:

C10L 1/02 (2006.01) C10L 1/185 (2006.01)
C10L 1/16 (2006.01) C10L 10/02 (2006.01)

(21) International Application Number:

PCT/FI2017/050887

(22) International Filing Date:

14 December 2017 (14.12.2017)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

20165984 19 December 2016 (19.12.2016) FI

(71) Applicant: NESTE OYJ [FI/FI]; Keilaranta 21, 02150 Espoo (FI).

(72) Inventors: KIISKI, Ulla; c/o Neste Oyj / IPR, Technology Centre, Kilpilahti, PL 310, 06101 Porvoo (FI). KUORONEN, Markku; c/o Neste Oyj / IPR, Technology Centre, Kilpilahti, PL 310, 06101 Porvoo (FI). LEHTO, Kalle; c/o Neste Oyj / IPR, Technology Centre, Kilpilahti, PL 310, 06101 Porvoo (FI). HARTIKKA, Tuukka; c/o Neste Oyj /

IPR, Technology Centre, Kilpilahti, PL 310, 06101 Porvoo (FI).

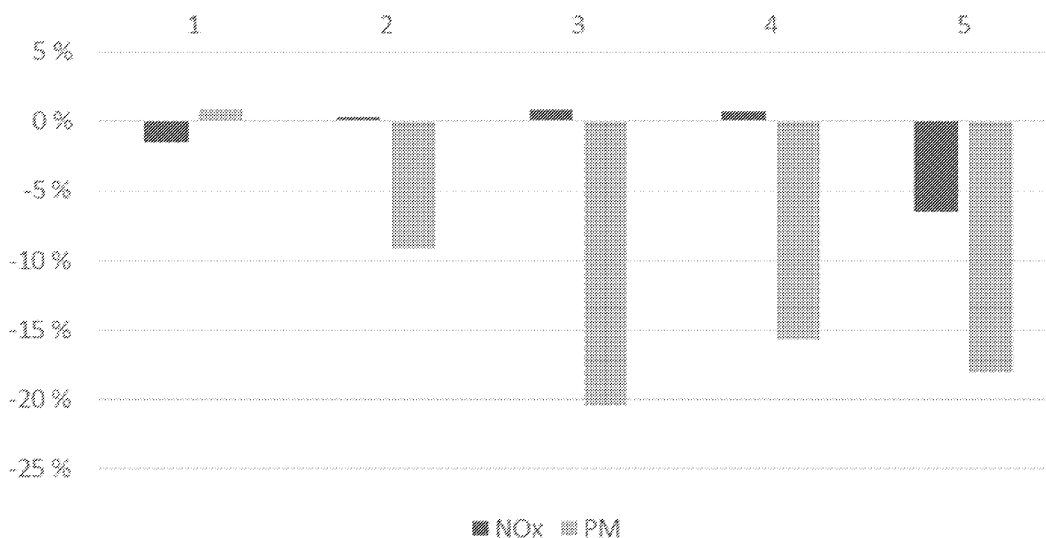
(74) Agent: ESPATENT OY; Kaivokatu 10 D, 00100 Helsinki (FI).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,

(54) Title: A MULTICOMPONENT DIESEL COMPOSITION

Figure 1



(57) Abstract: The invention discloses novel diesel fuel compositions comprising a renewable paraffinic diesel component, a fossil diesel component and an oxygenate component, as well as methods for manufacture and use of a combination of a renewable paraffinic diesel component, and an oxygenate component for reducing NOx emissions.

[Continued on next page]

TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— *of inventorship (Rule 4.17(iv))*

Published:

— *with international search report (Art. 21(3))*